

WHAT IS CLAIMED IS:

1. An orthodontic bracket comprising:

a base to be attached to a tooth enamel surface;

5 a bracket main body formed on the base and including an archwire slot with an opening that is opened in a direction opposite to the base;

10 a guiding part formed in at least one of the bracket main body and the base, said guiding part crossing the archwire slot;

a cover portion supported by the bracket main body and having a covering claw;

15 a band-shaped clip guided by the guiding part and curved in substantially U-shape in its cross section when the clip is attached to the bracket main body, the clip having a holding part that covers at least a portion of the opening of the archwire slot, and also the clip having a locking portion that is formed at one end of the clip in its  
20 longitudinal direction, said locking portion having a locking claw,

wherein the locking claw and the covering claw are brought in engagement with each other at a mutual locking position.

2. The orthodontic bracket as set forth in claim 1, wherein the holding part of the clip presses the archwire toward the bottom side of the groove-shaped archwire slot.

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3. The orthodontic bracket as set forth in claim 1, wherein the locking claw and the covering claw are positioned to be engageable each other when said archwire slot receives therein an archwire having a cross-sectional size less than a predetermined size.

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4. The orthodontic bracket as set forth in claim 1, wherein the locking claw and the covering claw are slidably brought in contact with each other when the clip is assembled with the bracket main body, thereby enabling to maintain a condition where the locking claw and the covering claw engage each other.

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5. The orthodontic bracket as set forth in claim 1, wherein the covering claw is deformable by a determined angle around a fulcrum of the cover portion in such a manner that the covering claw is slidably engaged and locked into place by the

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locking claw.

6. The orthodontic bracket as set forth in claim 1, wherein the cover portion is integrally formed with the main body, and the clip has a restriction part that is formed at the other end of the clip in its longitudinal direction and positions the clip relative to the main body.

10 7. The orthodontic bracket as set forth in claim 1, wherein the cover portion is integrally formed with the clip.

15 8. The orthodontic bracket as set forth in claim 1, wherein the covering claw is deformable by a determined angle around a fulcrum of the cover portion for releasing the engagement between the covering claw and the locking claw.

20 9. The orthodontic bracket as set forth in claim 8, wherein the cover portion comprises:

a lever for receiving external force so as to deform the covering claw.

25 10. The orthodontic bracket as set forth in

claim 9, wherein the lever comprises a concave portion that is adapted to receive a predetermined engagement releasing instrument.

5           11. The orthodontic bracket as set forth in claim 1, wherein at least one of the locking claw and the covering claw has a tapered step portion.

10           12. The orthodontic bracket as set forth in claim 1, wherein the holding part of the clip has a large width part as compared with remaining part.

15           13. The orthodontic bracket as set forth in claim 1, wherein the clip has a drawing hole that is adapted to receive a releasing instrument for releasing an engagement between the covering claw and the locking claw.

20           14. The orthodontic bracket as set forth in claim 1, wherein the holding part of the clip has an arc-shaped cross sectional shape along its width direction, thereby pressing down the archwire towards the bottom of the archwire slot while the clip is being elastically deformed so that the cross  
25           sectional shape is to be flat.

15. The orthodontic bracket as set forth in  
claim 1, wherein the locking claw and the covering  
claw are brought in engagement with each other at a  
5 mutual locking position, when said archwire slot  
receives therein an archwire having a cross-  
sectional size more than a predetermined size.

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